



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL OCEAN SERVICE
Silver Spring, Maryland 20910

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: November 2, 2000

HYDROGRAPHIC BRANCH: Pacific
HYDROGRAPHIC PROJECT: OPR-P312-RA-2000
HYDROGRAPHIC SHEET: H-10966

LOCALITY: Larsen Bay and Approaches, AK
TIME PERIOD: May 15 - July 20, 2000

TIDE STATION USED: 945-7728 Uyak (Cannery Dock), AK
Lat. 57° 38.5'N Lon. 154° 0.2'W
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 3.934 meters

REMARKS: RECOMMENDED ZONING

Use zone(s) identified as: SS31, LB1, LB2, LB3, LB4 & LB5

Refer to attachments for zoning information.

Note 1: Provided time series data are tabulated in metric units (meters), relative to MLLW and on Greenwich Mean Time.

Note 2: Kodiak, AK was used for datum control in this hydrographic survey. Accepted datums for this station have been updated recently due to anomalous sea level trends to land emergence resulting from glacial retreat. Therefore, the accepted datums at 945-7292 Kodiak, AK are based on the 1994-1998 update of Mean Sea Level (MSL) on the 1960-1978 Epoch.

Thomas V. Mero 11/2/00

CHIEF, REQUIREMENTS AND DEVELOPMENT DIVISION



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Final tide zone node point locations for OPR-P312-RA-2000,
Sheet H-10966.

Format: Longitude in decimal degrees (negative value denotes
Longitude West),
Latitude in decimal degrees
Tide Station (in recommended order of use)
Average Time Correction (in minutes)
Range Correction

	Tide Station Order	AVG Time Correction	Range Correction
Zone SS31	945-7728	0	0.99
-154.330076 58.093663			
-154.237436 58.139447			
-154.022405 58.178906			
-153.867669 58.021725			
-153.792296 57.855731			
-153.881218 57.724193			
-154.003581 57.655292			
-154.028133 57.652125			
-154.03436 57.653731			
-154.046296 57.647331			
-154.100008 57.646002			
-154.14815 57.814379			
-154.19507 57.911448			
-154.274256 58.034512			
-154.330076 58.093663			
Zone LB1	945-7728	0	1.00
-154.003581 57.655292			
-154.028133 57.652125			
-154.03436 57.653731			
-154.046296 57.647331			
-154.016018 57.64296			
-154.012489 57.646488			
-154.003581 57.655292			
-154.003581 57.655292			
Zone LB2	945-7728	0	1.00
-153.987928 57.62875			
-154.001462 57.62797			

-154.016018 57.64296
-154.012489 57.646488
-154.003581 57.655292
-153.98577 57.641809
-153.987928 57.62875

Zone LB3

945-7728

0

0.99

-154.003581 57.655292
-153.98577 57.641809
-153.987928 57.62875
-153.996546 57.614137
-153.868948 57.634339
-153.849121 57.708871
-153.881218 57.724193
-154.003581 57.655292

Zone LB4

945-7728

+6

1.00

-153.849121 57.708871
-153.608082 57.664682
-153.537504 57.589644
-153.583699 57.580684
-153.868948 57.634339
-153.849121 57.708871

Zone LB5

945-7728

+6

1.00

-153.868948 57.634339
-153.639442 57.531109
-153.813776 57.48008
-153.830954 57.483346
-153.836005 57.431877
-153.882486 57.409523
-153.909039 57.418907
-153.981894 57.538204
-153.985052 57.545539
-153.996482 57.550868
-153.996546 57.614137
-153.868948 57.634339